BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehesive development of Roads, drains and Foothpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11)

Measurement Sheet

First and Part

Item No: 23 05-02-2021

Item Name: Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75mm) with 4.5 % VG-30 Bitumen Complete as per the direction of Engineer in charge with all lead and lift

CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
W0342	8th C/R	#48	Jayamm						
0.00	30.00	1	30.00	5.70	6.60	6.15	0.05	9.23	
30.00	60.00	1	30.00	6.60	6.50	6.55	0.05	9.83	
60.00	90.00	1	30.00	6.50	6.10	6.30	0.05	9.45	
90.00	120.00	1	30.00	6.10	6.30	6.20	0.05	9.30	
120.00	150.00	1	30.00	6.30	6.40	6.35	0.05	9.53	
150.00	180.00	1	30.00	6.40	6.40	6.40	0.05	9.60	
180.00	210.00	1	30.00	6.40	6.80	6.60	0.05	9.90	
210.00	240.00	1	30.00	6.80	5.70	6.25	0.05	9.38	
240.00	270.00	1	30.00	5.70	6.00	5.85	0.05	8.78	
270.00	300.00	1	30.00	6.00	6.50	6.25	0.05	9.38	
300.00	330.00	1	30.00	6.50	6.60	6.55	0.05	9.83	
330.00	341.70	1	11.70	6.60	6.80	6.70	0.05	3.92	
W0438 #189 ISIRI									
0.00	26.40	1	26.40	6.00	6.20	6.10	0.05	8.05	
W0479	kwality	ice	cream						
0.00	30.00	1	30.00	6.40	6.70	6.55	0.05	9.83	
30.00	60.00	1	30.00	6.70	5.30	6.00	0.05	9.00	
60.00	90.00	1	30.00	5.30	5.30	5.30	0.05	7.95	
90.00	120.00	1	30.00	5.30	5.80	5.55	0.05	8.33	
120.00	150.00	1	30.00	5.80	5.20	5.50	0.05	8.25	
150.00	171.60	1	21.60	5.20	5.70	5.45	0.05	5.89	
W0473									
0.00	30.00	1	30.00	7.20	6.40	6.80	0.05	10.20	
30.00	60.00	1	30.00	6.40	6.30	6.35	0.05	9.53	
60.00	90.00	1	30.00	6.30	5.70	6.00	0.05	9.00	
90.00	120.00	1	30.00	5.70	5.50	5.60	0.05	8.40	
120.00	150.00	1	30.00	5.50	6.00	5.75	0.05	8.63	
150.00	180.00	1	30.00	6.00	5.40	5.70	0.05	8.55	
180.00	210.00	1	30.00	5.40	6.30	5.85	0.05	8.78	

Scanned with CamScanner

CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
210.00	240.00	1	30.00	6.30	6.00	6.15	0.05	9.23	
240.00	270.00	1	30.00	6.00	5.60	5.80	0.05	8.70	
270.00	300.00	1	30.00	5.60	5.70	5.65	0.05	8.48	
300.00	330.00	1	30.00	5.70	6.30	6.00	0.05	9.00	
330.00	360.00	1	30.00	6.30	5.40	5.85	0.05	8.78	
360.00	390.00	1	30.00	5.40	6.50	5.95	0.05	8.93	
390.00	420.00	1	30.00	6.50	6.80	6.65	0.05	9.98	
420.00	435.00	1	15.00	6.80	8.80	7.80	0.05	5.85	
W0475	1st stage								
0.00	30.00	1	30.00	10.80	5.30	8.05	0.05	12.08	
30.00	60.00	1	30.00	5.30	5.60	5.45	0.05	8.18	
60.00	77.30	1	17.30	5.60	7.10	6.35	0.05	5.49	
W0477	12th M/R								
0.00	30.00	1	30.00	7.10	5.80	6.45	0.05	9.68	
30.00	60.00	1	30.00	5.80	5.60	5.70	0.05	8.55	
60.00	90.00	1	30.00	5.60	6.30	5.95	0.05	8.93	
90.00	120.00	1	30.00	6.30	6.20	6.25	0.05	9.38	
120.00	150.00	1	30.00	6.20	6.20	6.20	0.05	9.30	
150.00	180.00	1	30.00	6.20	6.30	6.25	0.05	9.38	
180.00	210.00	1	30.00	6.30	6.70	6.50	0.05	9.75	
210.00	216.80	1	6.80	6.70	6.00	6.35	0.05	2.16	
W0338	6th M/R								
0.00	30.00	1	30.00	8.30	7.00	7.65	0.05	11.48	
30.00	60.00	1	30.00	7.00	6.80	6.90	0.05	10.35	
60.00	90.00	1	30.00	6.80	7.70	7.25	0.05	10.88	
90.00	120.00	1	30.00	7.70	8.30	8.00	0.05	12.00	
120.00	150.00	1	30.00	8.30	6.80	7.55	0.05	11.33	
150.00	180.00	1	30.00	6.80	8.40	7.60	0.05	11.40	
180.00	210.00	1	30.00	8.40	7.30	7.85	0.05	11.78	
210.00	240.00	1	30.00	7.30	6.50	6.90	0.05	10.35	
240.00	270.00	1	30.00	6.50	8.40	7.45	0.05	11.18	
270.00	300.00	1	30.00	8.40	7.10	7.75	0.05	11.63	
300.00	330.00	1	30.00	7.10	7.50	7.30	0.05	10.95	
330.00	360.00	1	30.00	7.50	7.20	7.35	0.05	11.03	
360.00	390.00	1	30.00	7.20	5.40	6.30	0.05	9.45	
390.00	420.00	1	30.00	5.40	5.60	5.50	0.05	8.25	
420.00	427.60	1	7.60	5.60	5.60	5.60	0.05	2.13	
W0340	7th C/R								
0.00	30.00	1	30.00	7.00	5.90	6.45	0.05	9.68	
30.00	60.00	1	30.00	5.90	6.10	6.00	0.05	9.00	
60.00	90.00	1	30.00	6.10	6.60	6.35	0.05	9.53	
90.00	120.00	1	30.00	6.60	7.00	6.80	0.05	10.20	
120.00	150.00	1	30.00	7.00	5.10	6.05	0.05	9.08	
150.00	180.00	1	30.00	5.10	6.80	5.95	0.05	8.93	

Scanned with CamScanner

CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
180.00	210.00	1	30.00	6.80	6.50	6.65	0.05	9.98	
210.00	240.00	1	30.00	6.50	6.60	6.55	0.05	9.83	
240.00	270.00	1	30.00	6.60	6.70	6.65	0.05	9.98	
270.00	291.80	1	21.80	6.70	6.80	6.75	0.05	7.36	
W0336	5th C/R							0.00	
0.00	30.00	1	30.00	7.10	6.80	6.95	0.05	10.43	
30.00	60.00	1	30.00	6.80	5.90	6.35	0.05	9.53	
60.00	90.00	1	30.00	5.90	5.90	5.90	0.05	8.85	
90.00	120.00	1	30.00	5.90	6.20	6.05	0.05	9.08	
120.00	150.00	1	30.00	6.20	6.50	6.35	0.05	9.53	
150.00	180.00	1	30.00	6.50	5.80	6.15	0.05	9.23	
180.00	210.00	1	30.00	5.80	5.40	5.60	0.05	8.40	
210.00	240.00	1	30.00	5.40	6.60	6.00	0.05	9.00	
240.00	270.00	1	30.00	6.60	6.00	6.30	0.05	9.45	
270.00	300.00	1	30.00	6.00	5.80	5.90	0.05	8.85	
300.00	330.00	1	30.00	5.80	7.30	6.55	0.05	9.83	
330.00	358.80	1	28.80	7.30	7.00	7.15	0.05	10.30	
W0334	4th C/R								
0.00	30.00	1	30.00	5.80	6.30	6.05	0.05	9.08	
30.00	60.00	1	30.00	6.30	5.60	5.95	0.05	8.93	
60.00	90.00	1	30.00	5.60	6.20	5.90	0.05	8.85	
90.00	120.00	1	30.00	6.20	6.30	6.25	0.05	9.38	
120.00	150.00	1	30.00	6.30	5.50	5.90	0.05	8.85	
150.00	180.00	1	30.00	5.50	6.30	5.90	0.05	8.85	
180.00	210.00	1	30.00	6.30	6.30	6.30	0.05	9.45	
210.00	240.00	1	30.00	6.30	6.50	6.40	0.05	9.60	
240.00	270.00	1	30.00	6.50	6.60	6.55	0.05	9.83	
270.00	300.00	1	30.00	6.60	6.70	6.65	0.05	9.98	
300.00	330.00	1	30.00	6.70	5.80	6.25	0.05	9.38	
330.00	360.00	1	30.00	5.80	6.00	5.90	0.05	8.85	
360.00	382.60	1	22.60	6.00	7.50	6.75	0.05	7.63	
W0332	3rd C/R							0.00	
0.00	30.00	1	30.00	8.00	7.00	7.50	0.05	11.25	
30.00	60.00	1	30.00	7.00	5.40	6.20	0.05	9.30	
60.00	90.00	1	30.00	5.40	5.80	5.60	0.05	8.40	
90.00	120.00	1	30.00	5.80	5.80	5.80	0.05	8.70	
120.00	150.00	1	30.00	5.80	5.70	5.75	0.05	8.63	
150.00	180.00	1	30.00	5.70	6.00	5.85	0.05	8.78	
180.00	210.00	1	30.00	6.00	6.30	6.15	0.05	9.23	
210.00	240.00	1	30.00	6.30	6.10	6.20	0.05	9.30	
240.00	270.00	1	30.00	6.10	5.60	5.85	0.05	8.78	
270.00	300.00	1	30.00	5.60	6.60	6.10	0.05	9.15	
300.00	330.00	1	30.00	6.60	5.30	5.95	0.05	8.93	
330.00	360.00	1	30.00	5.30	5.60	5.45	0.05	8.18	
360.00	390.00	1	30.00	5.60	5.60	5.60	0.05	8.40	

Scanned with CamScanner

	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	390.00	417.20	1	27.20	5.60	6.20	5.90	0.05	8.02	
	W0441	14th M/R								
	0.00	30.00	1	30.00	6.20	6.80	6.50	0.05	9.75	
	30.00	60.00	1	30.00	6.80	6.00	6.40	0.05	9.60	
	60.00	70.00	1	10.00	6.00	6.70	6.35	0.05	3.18	
	W0328	2nd C/R								
	0.00	30.00	1	30.00	9.40	6.50	7.95	0.05	11.93	
	30.00	60.00	1	30.00	6.50	5.20	5.85	0.05	8.78	
	60.00	90.00	1	30.00	5.20	5.20	5.20	0.05	7.80	
	90.00	120.00	1	30.00	5.20	5.80	5.50	0.05	8.25	
	120.00	150.00	1	30.00	5.80	6.00	5.90	0.05	8.85	
	150.00	180.00	1	30.00	6.00	5.50	5.75	0.05	8.63	
	180.00	210.00	1	30.00	5.50	5.40	5.45	0.05	8.18	
	210.00	231.70	1	21.70	5.40	6.40	5.90	0.05	6.40	
	W0447	15th M/R							0.00	check in MS
	0.00	30.00	1	30.00	5.30	5.20	5.25	0.05	7.88	
	30.00	60.00	1	30.00	5.20	4.70	4.95	0.05	7.43	
	60.00	90.00	1	30.00	4.70	4.10	4.40	0.05	6.60	
	90.00	120.00	1	30.00	4.10	4.00	4.05	0.05	6.08	
	120.00	150.00	1	30.00	4.00	5.30	4.65	0.05	6.98	
	150.00	180.00	1	30.00	5.30	4.90	5.10	0.05	7.65	
	180.00	210.00	1	30.00	4.90	4.00	4.45	0.05	6.68	
	210.00	240.00	1	30.00	4.00	3.40	3.70	0.05	5.55	
	240.00	270.00	1	30.00	3.40	4.60	4.00	0.05	6.00	
	270.00	300.00	1	30.00	4.60	3.50	4.05	0.05	6.08	
	300.00	330.00	1	30.00	3.50	4.40	3.95	0.05	5.93	
	330.00	360.00	1	30.00	4.40	3.80	4.10	0.05	6.15	
	360.00	390.00	1	30.00	3.80	4.30	4.05	0.05	6.08	
	390.00	394.30	1	4.30	4.30	4.30	4.30	0.05	0.92	
	10423	Service rd								
1)	0.00	30.00	1	30.00	6.20	4.00	5.10	0.05	7.65	
	30.00	60.00	1	30.00	4.00	3.20	3.60	0.05	5.40	
	60.00	90.00	1	30.00	3.20	3.30	3.25	0.05	4.88	
	90.00	120.00	1	30.00	3.30	4.00	3.65	0.05	5.48	
	120.00	150.00	1	30.00	4.00	4.00	4.00	0.05	6.00	
	150.00	180.00	1	30.00	4.00	3.50	3.75	0.05	5.63	
	180.00	196.20	1	16.20	3.50	4.00	3.75	0.05	3.04	
			1.00	20.00	7.20	7.20	7.20	0.05	7.20	
	0.00	30.00	1	30.00	5.70	4.40	5.05	0.05	7.58	
	30.00	60.00	1	30.00	4.40	3.60	4.00	0.05	6.00	
	60.00	90.00	1	30.00	3.60	4.20	3.90	0.05	5.85	
	90.00	120.00	1	30.00	4.20	4.80	4.50	0.05	6.75	
	120.00	150.00	1	30.00	4.80	5.60	5.20	0.05	7.80	
	150.00	180.00	1	30.00	5.60	5.50	5.55	0.05	8.33	

Scanned with CamScanner

CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
180.00	208.00	1	28.00	5.50	5.30	5.40	0.05	7.56	
W0316	1st A C/R								
0.00	30.00	1	30.00	11.30	12.40	11.85	0.05	17.78	
30.00	60.00	1	30.00	12.40	12.10	12.25	0.05	18.38	
60.00	90.00	1	30.00	12.10	9.00	10.55	0.05	15.83	
90.00	120.00	1	30.00	9.00	5.10	7.05	0.05	10.58	
120.00	150.00	1	30.00	5.10	5.60	5.35	0.05	8.03	
150.00	180.00	1	30.00	5.60	6.10	5.85	0.05	8.78	
180.00	210.00	1	30.00	6.10	6.50	6.30	0.05	9.45	
210.00	240.00	1	30.00	6.50	6.20	6.35	0.05	9.53	
240.00	251.60	1	11.60	6.20	5.00	5.60	0.05	3.25	
W0445									
0.00	30.00	1	30.00	5.30	4.90	5.10	0.05	7.65	
30.00	60.00	1	30.00	4.90	4.50	4.70	0.05	7.05	
60.00	90.00	1	30.00	4.50	3.50	4.00	0.05	6.00	
90.00	120.00	1	30.00	3.50	3.60	3.55	0.05	5.33	
120.00	150.00	1	30.00	3.60	3.20	3.40	0.05	5.10	
150.00	180.00	1	30.00	3.20	3.90	3.55	0.05	5.33	
180.00	210.00	1	30.00	3.90	3.10	3.50	0.05	5.25	
210.00	229.20	1	19.20	3.10	3.60	3.35	0.05	3.22	
W0443									
0.00	30.00	1	30.00	4.90	3.30	4.10	0.05	6.15	
30.00	60.00	1	30.00	3.30	3.60	3.45	0.05	5.18	
60.00	90.00	1	30.00	3.60	3.60	3.60	0.05	5.40	
90.00	120.00	1	30.00	3.60	3.20	3.40	0.05	5.10	
120.00	150.00	1	30.00	3.20	3.80	3.50	0.05	5.25	
150.00	161.20	1	11.20	3.80	3.80	3.80	0.05	2.13	
W0437	# ps kurup								
0.00	30.00	1	30.00	4.50	5.20	4.85	0.05	7.28	
30.00	60.00	1	30.00	5.20	5.20	5.20	0.05	7.80	
60.00	90.00	1	30.00	5.20	5.00	5.10	0.05	7.65	
90.00	120.00	1	30.00	5.00	5.50	5.25	0.05	7.88	
120.00	150.00	1	30.00	5.50	5.10	5.30	0.05	7.95	
150.00	180.00	1	30.00	5.10	5.50	5.30	0.05	7.95	
180.00	210.00	1	30.00	5.50	5.20	5.35	0.05	8.03	
210.00	240.00	1	30.00	5.20	5.70	5.45	0.05	8.18	
240.00	270.00	1	30.00	5.70	4.80	5.25	0.05	7.88	
270.00	286.00	1	16.00	4.80	5.60	5.20	0.05	4.16	
W0320	60ft road								
0.00	30.00	1	30.00	9.70	7.40	8.55	0.05	12.83	
30.00	60.00	1	30.00	7.40	10.30	8.85	0.05	13.28	
60.00	90.00	1	30.00	4.60	12.40	8.50	0.05	12.75	
90.00	120.00	1	30.00	12.40	13.80	13.10	0.05	19.65	
120.00	150.00	1	30.00	13.80	17.50	15.65	0.05	23.48	

Scanned with CamScanner

CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
150.00	180.00	1	30.00	17.50	12.00	14.75	0.05	22.13	
180.00	210.00	1	30.00	12.00	10.50	11.25	0.05	16.88	
210.00	239.00	1	29.00	10.50	12.20	11.35	0.05	16.46	
W0471									
0.00	30.00	1	30.00	6.60	6.10	6.35	0.05	9.53	
30.00	60.00	1	30.00	6.10	6.50	6.30	0.05	9.45	
60.00	90.00	1	30.00	4.60	6.40	5.50	0.05	8.25	
90.00	120.00	1	30.00	6.40	6.40	6.40	0.05	9.60	
120.00	150.00	1	30.00	6.40	5.90	6.15	0.05	9.23	
150.00	180.00	1	30.00	5.90	6.80	6.35	0.05	9.53	
180.00	210.00	1	30.00	6.80	5.70	6.25	0.05	9.38	
210.00	227.20	1	17.20	5.70	10.80	8.25	0.05	7.10	
W0469	13th M/R								
0.00	30.00	1	30.00	6.40	4.90	5.65	0.05	8.48	
30.00	60.00	1	30.00	4.90	5.30	5.10	0.05	7.65	
60.00	90.00	1	30.00	5.30	6.10	5.70	0.05	8.55	
90.00	120.00	1	30.00	6.10	5.30	5.70	0.05	8.55	
120.00	150.00	1	30.00	5.30	6.20	5.75	0.05	8.63	
150.00	172.40	1	22.40	6.20	6.90	6.55	0.05	7.34	
W0467	13th B M/R	t							
0.00	30.00	1	30.00	6.50	5.60	6.05	0.05	9.08	
30.00	60.00	1	30.00	5.60	5.30	5.45	0.05	8.18	
60.00	90.00	1	30.00	5.30	5.20	5.25	0.05	7.88	
90.00	120.00	1	30.00	5.20	5.90	5.55	0.05	8.33	
120.00	150.00	1	30.00	5.90	5.90	5.90	0.05	8.85	
150.00	180.00	1	30.00	5.90	5.50	5.70	0.05	8.55	
180.00	182.50	1	2.50	5.50	5.50	5.50	0.05	0.69	
W0465	13th C M/R								
0.00	30.00	1	30.00	6.30	5.90	6.10	0.05	9.15	
30.00	60.00	1	30.00	5.90	5.40	5.65	0.05	8.48	
60.00	90.00	1	30.00	5.40	5.70	5.55	0.05	8.33	
90.00	120.00	1	30.00	5.70	5.70	5.70	0.05	8.55	
120.00	150.00	1	30.00	5.70	6.60	6.15	0.05	9.23	
150.00	153.70	1	3.70	6.60	6.60	6.60	0.05	1.22	
W0461	14th M/R								
0.00	30.00	1	30.00	6.70	5.50	6.10	0.05	9.15	
30.00	60.00	1	30.00	5.50	6.20	5.85	0.05	8.78	
60.00	90.00	1	30.00	6.20	5.80	6.00	0.05	9.00	
90.00	120.00	1	30.00	5.80	5.50	5.65	0.05	8.48	
120.00	150.00	1	30.00	5.50	7.20	6.35	0.05	9.53	
150.00	151.50	1	1.50	7.20	7.20	7.20	0.05	0.54	
W0455	14th A M/R								
0.00	30.00	1	30.00	5.00	5.00	5.00	0.05	7.50	
30.00	60.00	1	30.00	5.00	5.00	5.00	0.05	7.50	

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CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
60.00	74.30	1	14.30	5.00	5.30	5.15	0.05	3.68	
W0330	14th A M/R								
0.00	30.00	1	30.00	6.20	4.20	5.20	0.05	7.80	
30.00	60.00	1	30.00	4.20	5.00	4.60	0.05	6.90	
60.00	77.40	1	17.40	5.00	4.20	4.60	0.05	4.00	
W0336	1st C/R								
0.00	30.00	1	30.00	8.60	9.80	9.20	0.05	13.80	
30.00	60.00	1	30.00	9.80	9.20	9.50	0.05	14.25	
60.00	90.00	1	30.00	9.20	10.70	9.95	0.05	14.93	
90.00	120.00	1	30.00	10.70	9.90	10.30	0.05	15.45	
120.00	150.00	1	30.00	9.90	10.00	9.95	0.05	14.93	
150.00	180.00	1	30.00	10.00	9.70	9.85	0.05	14.78	
180.00	210.00	1	30.00	9.70	9.70	9.70	0.05	14.55	
210.00	237.40	1	27.40	9.90	12.60	11.25	0.05	15.41	
W0431	#24 krupa								
0.00	30.00	1	30.00	6.60	5.70	6.15	0.05	9.23	
30.00	52.00	1	22.00	5.70	6.80	6.25	0.05	6.88	
W0449	14th B M/R								
0.00	30.00	1	30.00	4.40	5.70	5.05	0.05	7.58	
30.00	60.00	1	30.00	5.70	4.80	5.25	0.05	7.88	
60.00	90.00	1	30.00	4.80	4.50	4.65	0.05	6.98	
90.00	120.00	1	30.00	4.50	6.30	5.40	0.05	8.10	
120.00	150.00	1	30.00	6.30	6.30	6.30	0.05	9.45	
150.00	174.80	1	24.80	6.30	4.80	5.55	0.05	6.88	
W0330	14th A M/R		#654						
0.00	30.00	1	30.00	5.00	3.90	4.45	0.05	6.68	
30.00	60.00	1	30.00	3.90	3.60	3.75	0.05	5.63	
60.00	70.20	1	10.20	3.60	3.60	3.60	0.05	1.84	
W0457	14th M/R							0.00	
0.00	30.00	1	30.00	8.70	6.20	7.45	0.05	11.18	
30.00	60.00	1	30.00	6.20	5.80	6.00	0.05	9.00	
60.00	90.00	1	30.00	5.80	6.30	6.05	0.05	9.08	
90.00	120.00	1	30.00	6.30	6.20	6.25	0.05	9.38	
120.00	150.00	1	30.00	6.20	5.30	5.75	0.05	8.63	
150.00	180.00	1	30.00	5.30	6.70	6.00	0.05	9.00	
W0318	2nd B C/R		#44/1						
0.00	30.00	1	30.00	5.10	7.00	6.05	0.05	9.08	
30.00	58.00	1	28.00	7.00	7.50	7.25	0.05	10.15	
W0463.	14th M/R							0.00	
0.00	30.00	1	30.00	8.40	6.80	7.60	0.05	11.40	
30.00	60.00	1	30.00	6.80	5.30	6.05	0.05	9.08	
60.00	90.00	1	30.00	5.30	6.40	5.85	0.05	8.78	
90.00	120.00	1	30.00	6.40	7.60	7.00	0.05	10.50	
120.00	125.60	1	5.60	7.60	7.70	7.65	0.05	2.14	

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CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
W0314	2nd C/R	#615							
0.00	30.00	1	30.00	10.10	7.20	8.65	0.05	12.98	
30.00	60.00	1	30.00	7.20	5.50	6.35	0.05	9.53	
60.00	90.00	1	30.00	5.50	5.10	5.30	0.05	7.95	
90.00	120.00	1	30.00	5.10	5.10	5.10	0.05	7.65	
120.00	150.00	1	30.00	5.10	5.50	5.30	0.05	7.95	
150.00	180.00	1	30.00	5.50	5.40	5.45	0.05	8.18	
180.00	210.00	1	30.00	5.40	4.80	5.10	0.05	7.65	
210.00	228.20	1	18.20	4.80	4.80	4.80	0.05	4.37	
W0435	#clinic								
0.00	30.00	1	30.00	6.20	4.00	5.10	0.05	7.65	
30.00	52.00	1	22.00	4.00	5.20	4.60	0.05	5.06	
MES Main Road M0021 LHS Side									
0.00	30.00	1	20.00	1.20	1.35	1.28	0.05	1.28	
30.00	60.00	1	15.00	2.00	2.20	2.10	0.05	1.58	
60.00	90.00	1	18.00	3.20	4.50	3.85	0.05	3.47	
90.00	120.00	1	20.00	4.50	5.30	4.90	0.05	4.90	
120.00	150.00	1	21.00	5.00	5.20	5.10	0.05	5.36	
150.00	180.00	1	25.00	5.20	4.80	5.00	0.05	6.25	
180.00	210.00	1	28.00	5.50	5.00	5.25	0.05	7.35	
210.00	240.00	1	30.00	4.80	5.00	4.90	0.05	7.35	
240.00	270.00	1	25.00	4.70	5.20	4.95	0.05	6.19	
270.00	300.00	1	30.00	4.20	4.90	4.55	0.05	6.83	
300.00	330.00	1	12.00	5.20	5.60	5.40	0.05	3.24	
330.00	360.00	1	14.00	5.60	5.70	5.65	0.05	3.96	
360.00	390.00	1	16.00	5.40	5.50	5.45	0.05	4.36	
390.00	420.00	1	10.00	4.80	5.20	5.00	0.05	2.50	
420.00	450.00	1	25.00	4.30	5.00	4.65	0.05	5.81	
450.00	480.00	1	12.00	5.20	5.50	5.35	0.05	3.21	
480.00	510.00	1	15.00	4.20	5.20	4.70	0.05	3.53	
510.00	540.00	1	17.00	4.90	4.90	4.90	0.05	4.17	
540.00	570.00	1	15.00	5.60	5.10	5.35	0.05	4.01	
570.00	600.00	1	18.00	5.40	5.20	5.30	0.05	4.77	
600.00	630.00	1	20.00	4.70	5.00	4.85	0.05	4.85	
630.00	660.00	1	14.00	4.50	4.90	4.70	0.05	3.29	
660.00	690.00	1	15.00	4.70	5.10	4.90	0.05	3.68	
MES Main Road M0021 RHS Side									
0.00	30.00	1	25.00	4.53	4.73	4.63	0.05	5.79	
30.00	60.00	1	20.00	4.00	4.20	4.10	0.05	4.10	
60.00	90.00	1	14.00	3.20	3.40	3.30	0.05	2.31	
90.00	120.00	1	15.00	4.50	4.70	4.60	0.05	3.45	
120.00	150.00	1	14.00	4.60	4.80	4.70	0.05	3.29	
150.00	180.00	1	17.00	4.20	4.40	4.30	0.05	3.66	
180.00	210.00	1	18.00	5.00	5.20	5.10	0.05	4.59	

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CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
210.00	240.00	1	20.00	4.20	4.40	4.30	0.05	4.30	
240.00	270.00	1	22.00	4.30	4.50	4.40	0.05	4.84	
270.00	300.00	1	26.00	4.70	4.90	4.80	0.05	6.24	
300.00	330.00	1	15.00	3.50	3.70	3.60	0.05	2.70	
330.00	360.00	1	20.00	3.60	3.80	3.70	0.05	3.70	
360.00	390.00	1	22.00	3.50	3.70	3.60	0.05	3.96	
390.00	420.00	1	15.00	4.20	4.40	4.30	0.05	3.23	
420.00	450.00	1	14.00	4.10	4.30	4.20	0.05	2.94	
450.00	480.00	1	18.00	4.50	4.70	4.60	0.05	4.14	
480.00	510.00	1	20.00	4.20	4.40	4.30	0.05	4.30	
510.00	540.00	1	22.00	5.00	5.20	5.10	0.05	5.61	
540.00	570.00	1	14.00	4.90	5.10	5.00	0.05	3.50	
570.00	600.00	1	20.00	4.70	4.90	4.80	0.05	4.80	
600.00	630.00	1	21.00	4.80	5.00	4.90	0.05	5.15	
630.00	660.00	1	15.00	5.00	5.20	5.10	0.05	3.83	
660.00	690.00	1	14.00	4.80	5.00	4.90	0.05	3.43	
							Total Qty Work Done	2542.10	Cum
							Qty Payable in this bill	2542.10	Cum

Contractor Representative

SAPIENCE CONSULTANTS BANGALORE

Consultant Representative

05/02/2024

Assistant Engineer
Ward No 17

05/02/2024

Asst.Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehesive development of Roads, drains and Foothpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11)

Measurement Sheet

First and Part

Item No: 24 12-02-2020

Item Name: Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen Complete as per the direction of Engineer in charge with all lead and lift

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
W0342	8th C/R	#48	Jayamm						
0.00	30.00	1	30.00	5.70	6.60	6.15	0.04	7.38	
30.00	60.00	1	30.00	6.60	6.50	6.55	0.04	7.86	
60.00	90.00	1	30.00	6.50	6.10	6.30	0.04	7.56	
90.00	120.00	1	30.00	6.10	6.30	6.20	0.04	7.44	
120.00	150.00	1	30.00	6.30	6.40	6.35	0.04	7.62	
150.00	180.00	1	30.00	6.40	6.40	6.40	0.04	7.68	
180.00	210.00	1	30.00	6.40	6.80	6.60	0.04	7.92	
210.00	240.00	1	30.00	6.80	5.70	6.25	0.04	7.50	
240.00	270.00	1	30.00	5.70	6.00	5.85	0.04	7.02	
270.00	300.00	1	30.00	6.00	6.50	6.25	0.04	7.50	
300.00	330.00	1	30.00	6.50	6.60	6.55	0.04	7.86	
330.00	341.70	1	11.70	6.60	6.80	6.70	0.04	3.14	
W0438 #189 ISIRI									
0.00	26.40	1	26.40	6.00	6.20	6.10	0.04	6.44	
W0479	kwality	ice	cream						
0.00	30.00	1	30.00	6.40	6.70	6.55	0.04	7.86	
30.00	60.00	1	30.00	6.70	5.30	6.00	0.04	7.20	
60.00	90.00	1	30.00	5.30	5.30	5.30	0.04	6.36	
90.00	120.00	1	30.00	5.30	5.80	5.55	0.04	6.66	
120.00	150.00	1	30.00	5.80	5.20	5.50	0.04	6.60	
150.00	171.60	1	21.60	5.20	5.70	5.45	0.04	4.71	
W0473									
0.00	30.00	1	30.00	7.20	6.40	6.80	0.04	8.16	
30.00	60.00	1	30.00	6.40	6.30	6.35	0.04	7.62	
60.00	90.00	1	30.00	6.30	5.70	6.00	0.04	7.20	
90.00	120.00	1	30.00	5.70	5.50	5.60	0.04	6.72	
120.00	150.00	1	30.00	5.50	6.00	5.75	0.04	6.90	
150.00	180.00	1	30.00	6.00	5.40	5.70	0.04	6.84	
180.00	210.00	1	30.00	5.40	6.30	5.85	0.04	7.02	

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CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
210.00	240.00	1	30.00	6.30	6.00	6.15	0.04	7.38	
240.00	270.00	1	30.00	6.00	5.60	5.80	0.04	6.96	
270.00	300.00	1	30.00	5.60	5.70	5.65	0.04	6.78	
300.00	330.00	1	30.00	5.70	6.30	6.00	0.04	7.20	
330.00	360.00	1	30.00	6.30	5.40	5.85	0.04	7.02	
360.00	390.00	1	30.00	5.40	6.50	5.95	0.04	7.14	
390.00	420.00	1	30.00	6.50	6.80	6.65	0.04	7.98	
420.00	435.00	1	15.00	6.80	8.80	7.80	0.04	4.68	
W0475	1st stage								
0.00	30.00	1	30.00	10.80	5.30	8.05	0.04	9.66	
30.00	60.00	1	30.00	5.30	5.60	5.45	0.04	6.54	
60.00	77.30	1	17.30	5.60	7.10	6.35	0.04	4.39	
W0477	12th M/R								
0.00	30.00	1	30.00	7.10	5.80	6.45	0.04	7.74	
30.00	60.00	1	30.00	5.80	5.60	5.70	0.04	6.84	
60.00	90.00	1	30.00	5.60	6.30	5.95	0.04	7.14	
90.00	120.00	1	30.00	6.30	6.20	6.25	0.04	7.50	
120.00	150.00	1	30.00	6.20	6.20	6.20	0.04	7.44	
150.00	180.00	1	30.00	6.20	6.30	6.25	0.04	7.50	
180.00	210.00	1	30.00	6.30	6.70	6.50	0.04	7.80	
210.00	216.80	1	6.80	6.70	6.00	6.35	0.04	1.73	
W0338	6th M/R								
0.00	30.00	1	30.00	8.30	7.00	7.65	0.04	9.18	
30.00	60.00	1	30.00	7.00	6.80	6.90	0.04	8.28	
60.00	90.00	1	30.00	6.80	7.70	7.25	0.04	8.70	
90.00	120.00	1	30.00	7.70	8.30	8.00	0.04	9.60	
120.00	150.00	1	30.00	8.30	6.80	7.55	0.04	9.06	
150.00	180.00	1	30.00	6.80	8.40	7.60	0.04	9.12	
180.00	210.00	1	30.00	8.40	7.30	7.85	0.04	9.42	
210.00	240.00	1	30.00	7.30	6.50	6.90	0.04	8.28	
240.00	270.00	1	30.00	6.50	8.40	7.45	0.04	8.94	
270.00	300.00	1	30.00	8.40	7.10	7.75	0.04	9.30	
300.00	330.00	1	30.00	7.10	7.50	7.30	0.04	8.76	
330.00	360.00	1	30.00	7.50	7.20	7.35	0.04	8.82	
360.00	390.00	1	30.00	7.20	5.40	6.30	0.04	7.56	
390.00	420.00	1	30.00	5.40	5.60	5.50	0.04	6.60	
420.00	427.60	1	7.60	5.60	5.60	5.60	0.04	1.70	
W0340	7th C/R								
0.00	30.00	1	30.00	7.00	5.90	6.45	0.04	7.74	
30.00	60.00	1	30.00	5.90	6.10	6.00	0.04	7.20	
60.00	90.00	1	30.00	6.10	6.60	6.35	0.04	7.62	
90.00	120.00	1	30.00	6.60	7.00	6.80	0.04	8.16	
120.00	150.00	1	30.00	7.00	5.10	6.05	0.04	7.26	
150.00	180.00	1	30.00	5.10	6.80	5.95	0.04	7.14	

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CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
180.00	210.00	1	30.00	6.80	6.50	6.65	0.04	7.98	
210.00	240.00	1	30.00	6.50	6.60	6.55	0.04	7.86	
240.00	270.00	1	30.00	6.60	6.70	6.65	0.04	7.98	
270.00	291.80	1	21.80	6.70	6.80	6.75	0.04	5.89	
W0336	5th C/R							0.00	
0.00	30.00	1	30.00	7.10	6.80	6.95	0.04	8.34	
30.00	60.00	1	30.00	6.80	5.90	6.35	0.04	7.62	
60.00	90.00	1	30.00	5.90	5.90	5.90	0.04	7.08	
90.00	120.00	1	30.00	5.90	6.20	6.05	0.04	7.26	
120.00	150.00	1	30.00	6.20	6.50	6.35	0.04	7.62	
150.00	180.00	1	30.00	6.50	5.80	6.15	0.04	7.38	
180.00	210.00	1	30.00	5.80	5.40	5.60	0.04	6.72	
210.00	240.00	1	30.00	5.40	6.60	6.00	0.04	7.20	
240.00	270.00	1	30.00	6.60	6.00	6.30	0.04	7.56	
270.00	300.00	1	30.00	6.00	5.80	5.90	0.04	7.08	
300.00	330.00	1	30.00	5.80	7.30	6.55	0.04	7.86	
330.00	358.80	1	28.80	7.30	7.00	7.15	0.04	8.24	
W0334	4th C/R								
0.00	30.00	1	30.00	5.80	6.30	6.05	0.04	7.26	
30.00	60.00	1	30.00	6.30	5.60	5.95	0.04	7.14	
60.00	90.00	1	30.00	5.60	6.20	5.90	0.04	7.08	
90.00	120.00	1	30.00	6.20	6.30	6.25	0.04	7.50	
120.00	150.00	1	30.00	6.30	5.50	5.90	0.04	7.08	
150.00	180.00	1	30.00	5.50	6.30	5.90	0.04	7.08	
180.00	210.00	1	30.00	6.30	6.30	6.30	0.04	7.56	
210.00	240.00	1	30.00	6.30	6.50	6.40	0.04	7.68	
240.00	270.00	1	30.00	6.50	6.60	6.55	0.04	7.86	
270.00	300.00	1	30.00	6.60	6.70	6.65	0.04	7.98	
300.00	330.00	1	30.00	6.70	5.80	6.25	0.04	7.50	
330.00	360.00	1	30.00	5.80	6.00	5.90	0.04	7.08	
360.00	382.60	1	22.60	6.00	7.50	6.75	0.04	6.10	
W0332	3rd C/R							0.00	
0.00	30.00	1	30.00	8.00	7.00	7.50	0.04	9.00	
30.00	60.00	1	30.00	7.00	5.40	6.20	0.04	7.44	
60.00	90.00	1	30.00	5.40	5.80	5.60	0.04	6.72	
90.00	120.00	1	30.00	5.80	5.80	5.80	0.04	6.96	
120.00	150.00	1	30.00	5.80	5.70	5.75	0.04	6.90	
150.00	180.00	1	30.00	5.70	6.00	5.85	0.04	7.02	
180.00	210.00	1	30.00	6.00	6.30	6.15	0.04	7.38	
210.00	240.00	1	30.00	6.30	6.10	6.20	0.04	7.44	
240.00	270.00	1	30.00	6.10	5.60	5.85	0.04	7.02	
270.00	300.00	1	30.00	5.60	6.60	6.10	0.04	7.32	
300.00	330.00	1	30.00	6.60	5.30	5.95	0.04	7.14	
330.00	360.00	1	30.00	5.30	5.60	5.45	0.04	6.54	
360.00	390.00	1	30.00	5.60	5.60	5.60	0.04	6.72	

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	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	390.00	417.20	1	27.20	5.60	6.20	5.90	0.04	6.42	
	W0441	14th M/R								
	0.00	30.00	1	30.00	6.20	6.80	6.50	0.04	7.80	
	30.00	60.00	1	30.00	6.80	6.00	6.40	0.04	7.68	
	60.00	70.00	1	10.00	6.00	6.70	6.35	0.04	2.54	
	W0328	2nd C/R								
	0.00	30.00	1	30.00	9.40	6.50	7.95	0.04	9.54	
	30.00	60.00	1	30.00	6.50	5.20	5.85	0.04	7.02	
	60.00	90.00	1	30.00	5.20	5.20	5.20	0.04	6.24	
	90.00	120.00	1	30.00	5.20	5.80	5.50	0.04	6.60	
	120.00	150.00	1	30.00	5.80	6.00	5.90	0.04	7.08	
	150.00	180.00	1	30.00	6.00	5.50	5.75	0.04	6.90	
	180.00	210.00	1	30.00	5.50	5.40	5.45	0.04	6.54	
	210.00	231.70	1	21.70	5.40	6.40	5.90	0.04	5.12	
	W0447	15th M/R							0.00	
	0.00	30.00	1	30.00	5.30	5.20	5.25	0.04	6.30	
	30.00	60.00	1	30.00	5.20	4.70	4.95	0.04	5.94	
	60.00	90.00	1	30.00	4.70	4.10	4.40	0.04	5.28	
	90.00	120.00	1	30.00	4.10	4.00	4.05	0.04	4.86	
	120.00	150.00	1	30.00	4.00	5.30	4.65	0.04	5.58	
	150.00	180.00	1	30.00	5.30	4.90	5.10	0.04	6.12	
	180.00	210.00	1	30.00	4.90	4.00	4.45	0.04	5.34	
	210.00	240.00	1	30.00	4.00	3.40	3.70	0.04	4.44	
	240.00	270.00	1	30.00	3.40	4.60	4.00	0.04	4.80	
	270.00	300.00	1	30.00	4.60	3.50	4.05	0.04	4.86	
	300.00	330.00	1	30.00	3.50	4.40	3.95	0.04	4.74	
	330.00	360.00	1	30.00	4.40	3.80	4.10	0.04	4.92	
	360.00	390.00	1	30.00	3.80	4.30	4.05	0.04	4.86	
	390.00	394.30	1	4.30	4.30	4.30	4.30	0.04	0.74	
	I0423	Service rd								
1)	0.00	30.00	1	30.00	6.20	4.00	5.10	0.04	6.12	
	30.00	60.00	1	30.00	4.00	3.20	3.60	0.04	4.32	
	60.00	90.00	1	30.00	3.20	3.30	3.25	0.04	3.90	
	90.00	120.00	1	30.00	3.30	4.00	3.65	0.04	4.38	
	120.00	150.00	1	30.00	4.00	4.00	4.00	0.04	4.80	
	150.00	180.00	1	30.00	4.00	3.50	3.75	0.04	4.50	
	180.00	196.20	1	16.20	3.50	4.00	3.75	0.04	2.43	
			1.00	20.00	7.20	7.20	7.20	0.04	5.76	
	0.00	30.00	1	30.00	5.70	4.40	5.05	0.04	6.06	
	30.00	60.00	1	30.00	4.40	3.60	4.00	0.04	4.80	
	60.00	90.00	1	30.00	3.60	4.20	3.90	0.04	4.68	
	90.00	120.00	1	30.00	4.20	4.80	4.50	0.04	5.40	
	120.00	150.00	1	30.00	4.80	5.60	5.20	0.04	6.24	
	150.00	180.00	1	30.00	5.60	5.50	5.55	0.04	6.66	

Scanned with CamScanner

CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
180.00	208.00	1	28.00	1.50	5.30	5.40	0.04	6.05	
300116	1st A.C.P								
0.00	30.00	1	30.00	11.30	12.40	11.85	0.04	14.22	
30.00	60.00	1	30.00	12.40	12.10	12.25	0.04	14.70	
60.00	90.00	1	30.00	12.10	9.00	10.55	0.04	12.66	
90.00	120.00	1	30.00	9.00	5.10	7.05	0.04	8.46	
120.00	150.00	1	30.00	5.10	5.60	5.35	0.04	6.42	
150.00	180.00	1	30.00	5.60	6.10	5.85	0.04	7.02	
180.00	210.00	1	30.00	6.10	6.50	6.30	0.04	7.56	
210.00	240.00	1	30.00	6.50	6.20	6.35	0.04	7.62	
240.00	251.60	1	11.60	6.20	5.00	5.60	0.04	2.60	
W0445									
0.00	30.00	1	30.00	5.30	4.90	5.10	0.04	6.12	
30.00	60.00	1	30.00	4.90	4.50	4.70	0.04	5.64	
60.00	90.00	1	30.00	4.50	3.50	4.00	0.04	4.80	
90.00	120.00	1	30.00	3.50	3.60	3.55	0.04	4.26	
120.00	150.00	1	30.00	3.60	3.20	3.40	0.04	4.08	
150.00	180.00	1	30.00	3.20	3.90	3.55	0.04	4.26	
180.00	210.00	1	30.00	3.90	3.10	3.50	0.04	4.20	
210.00	229.20	1	19.20	3.10	3.60	3.35	0.04	2.57	
W0443									
0.00	30.00	1	30.00	4.90	3.30	4.10	0.04	4.92	
30.00	60.00	1	30.00	3.30	3.60	3.45	0.04	4.14	
60.00	90.00	1	30.00	3.60	3.60	3.60	0.04	4.32	
90.00	120.00	1	30.00	3.60	3.20	3.40	0.04	4.08	
120.00	150.00	1	30.00	3.20	3.80	3.50	0.04	4.20	
150.00	161.20	1	11.20	3.80	3.80	3.80	0.04	1.70	
W0437	# ps kurup								
0.00	30.00	1	30.00	4.50	5.20	4.85	0.04	5.82	
30.00	60.00	1	30.00	5.20	5.20	5.20	0.04	6.24	
60.00	90.00	1	30.00	5.20	5.00	5.10	0.04	6.12	
90.00	120.00	1	30.00	5.00	5.50	5.25	0.04	6.30	
120.00	150.00	1	30.00	5.50	5.10	5.30	0.04	6.36	
150.00	180.00	1	30.00	5.10	5.50	5.30	0.04	6.36	
180.00	210.00	1	30.00	5.50	5.20	5.35	0.04	6.42	
210.00	240.00	1	30.00	5.20	5.70	5.45	0.04	6.54	
240.00	270.00	1	30.00	5.70	4.80	5.25	0.04	6.30	
270.00	286.00	1	16.00	4.80	5.60	5.20	0.04	3.33	
W0320	60ft road								
0.00	30.00	1	30.00	9.70	7.40	8.55	0.04	10.26	
30.00	60.00	1	30.00	7.40	10.30	8.85	0.04	10.62	
60.00	90.00	1	30.00	4.60	12.40	8.50	0.04	10.20	
90.00	120.00	1	30.00	12.40	13.80	13.10	0.04	15.72	
120.00	150.00	1	30.00	13.80	17.50	15.65	0.04	18.78	

Scanned with CamScanner

CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
150.00	180.00	1	30.00	17.50	12.00	14.75	0.04	17.70	
180.00	210.00	1	30.00	12.00	10.50	11.25	0.04	13.50	
210.00	239.00	1	29.00	10.50	12.20	11.35	0.04	13.17	
W0471									
0.00	30.00	1	30.00	6.60	6.10	6.35	0.04	7.62	
30.00	60.00	1	30.00	6.10	6.50	6.30	0.04	7.56	
60.00	90.00	1	30.00	4.60	6.40	5.50	0.04	6.60	
90.00	120.00	1	30.00	6.40	6.40	6.40	0.04	7.68	
120.00	150.00	1	30.00	6.40	5.90	6.15	0.04	7.38	
150.00	180.00	1	30.00	5.90	6.80	6.35	0.04	7.62	
180.00	210.00	1	30.00	6.80	5.70	6.25	0.04	7.50	
210.00	227.20	1	17.20	5.70	10.80	8.25	0.04	5.68	
W0469	13th M/R								
0.00	30.00	1	30.00	6.40	4.90	5.65	0.04	6.78	
30.00	60.00	1	30.00	4.90	5.30	5.10	0.04	6.12	
60.00	90.00	1	30.00	5.30	6.10	5.70	0.04	6.84	
90.00	120.00	1	30.00	6.10	5.30	5.70	0.04	6.84	
120.00	150.00	1	30.00	5.30	6.20	5.75	0.04	6.90	
150.00	172.40	1	22.40	6.20	6.90	6.55	0.04	5.87	
W0467	13th B M/R	t							
0.00	30.00	1	30.00	6.50	5.60	6.05	0.04	7.26	
30.00	60.00	1	30.00	5.60	5.30	5.45	0.04	6.54	
60.00	90.00	1	30.00	5.30	5.20	5.25	0.04	6.30	
90.00	120.00	1	30.00	5.20	5.90	5.55	0.04	6.66	
120.00	150.00	1	30.00	5.90	5.90	5.90	0.04	7.08	
150.00	180.00	1	30.00	5.90	5.50	5.70	0.04	6.84	
180.00	182.50	1	2.50	5.50	5.50	5.50	0.04	0.55	
W0465	13th C M/R								
0.00	30.00	1	30.00	6.30	5.90	6.10	0.04	7.32	
30.00	60.00	1	30.00	5.90	5.40	5.65	0.04	6.78	
60.00	90.00	1	30.00	5.40	5.70	5.55	0.04	6.66	
90.00	120.00	1	30.00	5.70	5.70	5.70	0.04	6.84	
120.00	150.00	1	30.00	5.70	6.60	6.15	0.04	7.38	
150.00	153.70	1	3.70	6.60	6.60	6.60	0.04	0.98	
W0461	14th M/R								
0.00	30.00	1	30.00	6.70	5.50	6.10	0.04	7.32	
30.00	60.00	1	30.00	5.50	6.20	5.85	0.04	7.02	
60.00	90.00	1	30.00	6.20	5.80	6.00	0.04	7.20	
90.00	120.00	1	30.00	5.80	5.50	5.65	0.04	6.78	
120.00	150.00	1	30.00	5.50	7.20	6.35	0.04	7.62	
150.00	151.50	1	1.50	7.20	7.20	7.20	0.04	0.43	
W0455	14th A M/R								
0.00	30.00	1	30.00	5.00	5.00	5.00	0.04	6.00	
30.00	60.00	1	30.00	5.00	5.00	5.00	0.04	6.00	

Scanned with CamScanner

CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
60.00	74.30	1	14.30	5.00	5.30	5.15	0.04	2.95	
W0330	14th A M/R								
0.00	30.00	1	30.00	6.20	4.20	5.20	0.04	6.24	
30.00	60.00	1	30.00	4.20	5.00	4.60	0.04	5.52	
60.00	77.40	1	17.40	5.00	4.20	4.60	0.04	3.20	
W0336	1st C/R								
0.00	30.00	1	30.00	8.60	9.80	9.20	0.04	11.04	
30.00	60.00	1	30.00	9.80	9.20	9.50	0.04	11.40	
60.00	90.00	1	30.00	9.20	10.70	9.95	0.04	11.94	
90.00	120.00	1	30.00	10.70	9.90	10.30	0.04	12.36	
120.00	150.00	1	30.00	9.90	10.00	9.95	0.04	11.94	
150.00	180.00	1	30.00	10.00	9.70	9.85	0.04	11.82	
180.00	210.00	1	30.00	9.70	9.70	9.70	0.04	11.64	
210.00	237.40	1	27.40	9.90	12.60	11.25	0.04	12.33	
W0431	#24 krupa								
0.00	30.00	1	30.00	6.60	5.70	6.15	0.04	7.38	
30.00	52.00	1	22.00	5.70	6.80	6.25	0.04	5.50	
W0449	14th B M/R								
0.00	30.00	1	30.00	4.40	5.70	5.05	0.04	6.06	
30.00	60.00	1	30.00	5.70	4.80	5.25	0.04	6.30	
60.00	90.00	1	30.00	4.80	4.50	4.65	0.04	5.58	
90.00	120.00	1	30.00	4.50	6.30	5.40	0.04	6.48	
120.00	150.00	1	30.00	6.30	6.30	6.30	0.04	7.56	
150.00	174.80	1	24.80	6.30	4.80	5.55	0.04	5.51	
W0330	14th A M/R		#654						
0.00	30.00	1	30.00	5.00	3.90	4.45	0.04	5.34	
30.00	60.00	1	30.00	3.90	3.60	3.75	0.04	4.50	
60.00	70.20	1	10.20	3.60	3.60	3.60	0.04	1.47	
W0457	14th M/R							0.00	
0.00	30.00	1	30.00	8.70	6.20	7.45	0.04	8.94	
30.00	60.00	1	30.00	6.20	5.80	6.00	0.04	7.20	
60.00	90.00	1	30.00	5.80	6.30	6.05	0.04	7.26	
90.00	120.00	1	30.00	6.30	6.20	6.25	0.04	7.50	
120.00	150.00	1	30.00	6.20	5.30	5.75	0.04	6.90	
150.00	180.00	1	30.00	5.30	6.70	6.00	0.04	7.20	
W0318	2nd B C/R		#44/1						
0.00	30.00	1	30.00	5.10	7.00	6.05	0.04	7.26	
30.00	58.00	1	28.00	7.00	7.50	7.25	0.04	8.12	
W0463.	14th M/R							0.00	
0.00	30.00	1	30.00	8.40	6.80	7.60	0.04	9.12	
30.00	60.00	1	30.00	6.80	5.30	6.05	0.04	7.26	
60.00	90.00	1	30.00	5.30	6.40	5.85	0.04	7.02	
90.00	120.00	1	30.00	6.40	7.60	7.00	0.04	8.40	
120.00	125.60	1	5.60	7.60	7.70	7.65	0.04	1.71	

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CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
W0314	2nd C/R	#615							
0.00	30.00	1	30.00	10.10	7.20	8.65	0.04	10.38	
30.00	60.00	1	30.00	7.20	5.50	6.35	0.04	7.62	
60.00	90.00	1	30.00	5.50	5.10	5.30	0.04	6.36	
90.00	120.00	1	30.00	5.10	5.10	5.10	0.04	6.12	
120.00	150.00	1	30.00	5.10	5.50	5.30	0.04	6.36	
150.00	180.00	1	30.00	5.50	5.40	5.45	0.04	6.54	
180.00	210.00	1	30.00	5.40	4.80	5.10	0.04	6.12	
210.00	228.20	1	18.20	4.80	4.80	4.80	0.04	3.49	
W0435	#clinic								
0.00	30.00	1	30.00	6.20	4.00	5.10	0.04	6.12	
30.00	52.00	1	22.00	4.00	5.20	4.60	0.04	4.05	
MES Main Road M0021 LHS Side									
0.00	30.00	1	20.00	1.20	1.35	1.28	0.04	1.02	
30.00	60.00	1	15.00	2.00	2.20	2.10	0.04	1.26	
60.00	90.00	1	18.00	3.20	4.50	3.85	0.04	2.77	
90.00	120.00	1	20.00	4.50	5.30	4.90	0.04	3.92	
120.00	150.00	1	21.00	5.00	5.20	5.10	0.04	4.28	
150.00	180.00	1	25.00	5.20	4.80	5.00	0.04	5.00	
180.00	210.00	1	28.00	5.50	5.00	5.25	0.04	5.88	
210.00	240.00	1	30.00	4.80	5.00	4.90	0.04	5.88	
240.00	270.00	1	25.00	4.70	5.20	4.95	0.04	4.95	
270.00	300.00	1	30.00	4.20	4.90	4.55	0.04	5.46	
300.00	330.00	1	12.00	5.20	5.60	5.40	0.04	2.59	
330.00	360.00	1	14.00	5.60	5.70	5.65	0.04	3.16	
360.00	390.00	1	16.00	5.40	5.50	5.45	0.04	3.49	
390.00	420.00	1	10.00	4.80	5.20	5.00	0.04	2.00	
420.00	450.00	1	25.00	4.30	5.00	4.65	0.04	4.65	
450.00	480.00	1	12.00	5.20	5.50	5.35	0.04	2.57	
480.00	510.00	1	15.00	4.20	5.20	4.70	0.04	2.82	
510.00	540.00	1	17.00	4.90	4.90	4.90	0.04	3.33	
540.00	570.00	1	15.00	5.60	5.10	5.35	0.04	3.21	
570.00	600.00	1	18.00	5.40	5.20	5.30	0.04	3.82	
600.00	630.00	1	20.00	4.70	5.00	4.85	0.04	3.88	
630.00	660.00	1	14.00	4.50	4.90	4.70	0.04	2.63	
660.00	690.00	1	15.00	4.70	5.10	4.90	0.04	2.94	
MES Main Road M0021 RHS Side									
0.00	30.00	1	25.00	4.53	4.73	4.63	0.04	4.63	
30.00	60.00	1	20.00	4.00	4.20	4.10	0.04	3.28	
60.00	90.00	1	14.00	3.20	3.40	3.30	0.04	1.85	
90.00	120.00	1	15.00	4.50	4.70	4.60	0.04	2.76	
120.00	150.00	1	14.00	4.60	4.80	4.70	0.04	2.63	
150.00	180.00	1	17.00	4.20	4.40	4.30	0.04	2.92	
180.00	210.00	1	18.00	5.00	5.20	5.10	0.04	3.67	

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CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
210.00	240.00	1	20.00	4.20	4.40	4.30	0.04	3.44	
240.00	270.00	1	22.00	4.30	4.50	4.40	0.04	3.87	
270.00	300.00	1	26.00	4.70	4.90	4.80	0.04	4.99	
300.00	330.00	1	15.00	3.50	3.70	3.60	0.04	2.16	
330.00	360.00	1	20.00	3.60	3.80	3.70	0.04	2.96	
360.00	390.00	1	22.00	3.50	3.70	3.60	0.04	3.17	
390.00	420.00	1	15.00	4.20	4.40	4.30	0.04	2.58	
420.00	450.00	1	14.00	4.10	4.30	4.20	0.04	2.35	
450.00	480.00	1	18.00	4.50	4.70	4.60	0.04	3.31	
480.00	510.00	1	20.00	4.20	4.40	4.30	0.04	3.44	
510.00	540.00	1	22.00	5.00	5.20	5.10	0.04	4.49	
540.00	570.00	1	14.00	4.90	5.10	5.00	0.04	2.80	
570.00	600.00	1	20.00	4.70	4.90	4.80	0.04	3.84	
600.00	630.00	1	21.00	4.80	5.00	4.90	0.04	4.12	
630.00	660.00	1	15.00	5.00	5.20	5.10	0.04	3.06	
660.00	690.00	1	14.00	4.80	5.00	4.90	0.04	2.74	
							Total Qty Work Done	2033.68	Cum
							Qty Payable in this bill	2033.68	Cum

Contractor Representative

SAPIENCE BENGALURU CONSULTANTS

Consultant Representative

12/02/2024

Assistant Engineer
Ward No 17

12/02/2024

Asst.Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehesive development of Roads, drains and Foothpath in Yeshwanthpura

Measurement Sheet

First and Part

Item No	27
Item Name	Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. Complete as per the direction of Engineer in charge

CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
W0435									
0.00	30.00	1	30.00	4.40	3.30	3.85	0.15	17.33	
30.00	60.00	1	30.00	3.30	4.60	3.95	0.15	17.78	
60.00	90.00	1	30.00	4.60	4.90	4.75	0.15	21.38	
90.00	92.88	1	2.80	4.90	5.00	4.95	0.15	2.08	
W0335									
0.00	27.80	1	27.80	6.70	7.40	7.05	0.15	29.40	
W0433									
0.00	30.00	1	30.00	4.30	3.80	4.05	0.15	18.23	
30.00	60.00	1	30.00	3.80	4.60	4.20	0.15	18.90	
60.00	90.00	1	30.00	4.60	4.20	4.40	0.15	19.80	
W0[illegible]									
0.00	30.00	1	30.00	2.80	3.20	3.00	0.15	13.50	
30.00	60.00	1	30.00	3.20	2.70	2.95	0.15	13.28	
60.00	74.00	1	14.00	2.70	2.80	2.75	0.15	5.78	
W0312									
0.00	30.00	1	30.00	5.60	5.30	5.45	0.15	24.53	
30.00	60.00	1	30.00	5.30	4.90	5.10	0.15	22.95	
60.00	81.00	1	21.00	4.90	5.00	4.95	0.15	15.59	
# Mahadev Electricals									
0.00	30.00	1	30.00	5.40	5.90	5.65	0.15	25.43	
30.00	54.50	1	24.50	5.90	5.60	5.75	0.15	21.13	
W0184									
0.00	30.00	1	30.00	5.30	4.90	5.10	0.15	22.95	
30.00	60.00	1	30.00	4.90	6.10	5.50	0.15	24.75	
60.00	78.10	1	18.10	6.10	5.20	5.65	0.15	15.34	
							Total Qty Work Done	**350.09**	**Cum**
							Qty Payable in this bill	**350.09**	**Cum**

Checked

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yeshwanthpura Division
Bangalore

ckd & fc

Contractor Representative

Consultant Representative

SAPIENCE BANGALORE CONSULTANTS

Assistant Engineer
Ward No 17
12/02/2021

Asst.Executive Engineer
Yashwanthapura Sub Division
12/02/2021

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehesive development of Roads, drains and Foothpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11)

Measurement Sheet

First and Part

Item No:	28
Item Name:	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel,laying and fixing of 125 micron thick polythene film, wedges, steelplates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. Complete as per the direction of Engineer in charge with all lead and lift

	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	W0435									
	0.00	30.00	1	30.00	4.40	3.30	3.85	0.20	23.10	
	30.00	60.00	1	30.00	3.30	4.60	3.95	0.20	23.70	
	60.00	90.00	1	30.00	4.60	4.90	4.75	0.20	28.50	
	90.00	92.80	1	2.80	4.90	5.00	4.95	0.20	2.77	
	W0435									
	0.00	27.80	1	27.80	6.70	7.40	7.05	0.20	39.20	
	W0433									
	0.00	30.00	1	30.00	4.30	3.80	4.05	0.20	24.30	
	30.00	60.00	1	30.00	3.80	4.60	4.20	0.20	25.20	
	60.00	90.00	1	30.00	4.60	4.20	4.40	0.20	26.40	
	W0453									
	0.00	30.00	1	30.00	2.80	3.20	3.00	0.20	18.00	
	30.00	60.00	1	30.00	3.20	2.70	2.95	0.20	17.70	
	60.00	74.00	1	14.00	2.70	2.80	2.75	0.20	7.70	
	W0312									
	0.00	30.00	1	30.00	5.60	5.30	5.45	0.15	24.53	
	30.00	60.00	1	30.00	5.30	4.90	5.10	0.15	22.95	
	60.00	81.00	1	21.00	4.90	5.00	4.95	0.15	15.59	
	# Mahadev Electricals									
	0.00	30.00	1	30.00	5.40	5.90	5.65	0.15	25.43	
	30.00	54.50	1	24.50	5.90	5.60	5.75	0.15	21.13	
	W0184									
	0.00	30.00	1	30.00	5.30	4.90	5.10	0.15	22.95	

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	30.00	60.00	1	30.00	4.90	6.10	5.50	0.15	24.75	
	60.00	78.10	1	18.10	6.10	5.20	5.65	0.15	15.34	✓
								Total Qty Work Done	409.23	Cum
								Qty Payable in this bill	400.00	Cum

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No 17

20/02/2024

Asst.Executive Engineer
Yashwanthapura Sub Division

20/02/2024

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:- Comprehesive development of Roads, drains and Foothpath in Yeshwanthpura ward No.37 under PACKAGE-2019-20 RRN-DIV-(11)

Measurement Sheet

First and Part

Item No: 29

Item Name: Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. Complete as per the direction of Engineer in charge with all lead and lift

	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	W0435									
	0.00	30.00	1	30.00	4.40	3.30	3.85		115.50	
	30.00	60.00	1	30.00	3.30	4.60	3.95		118.50	
	60.00	90.00	1	30.00	4.60	4.90	4.75		142.50	
	90.00	92.80	1	2.80	4.90	5.00	4.95		13.86	
	W0435									
	0.00	27.80	1	27.80	6.70	7.40	7.05		195.99	
	W0433									
	0.00	30.00	1	30.00	4.30	3.80	4.05		121.50	
	30.00	60.00	1	30.00	3.80	4.60	4.20		126.00	
	60.00	90.00	1	30.00	4.60	4.20	4.40		132.00	
	W0453									
	0.00	30.00	1	30.00	2.80	3.20	3.00		90.00	
	30.00	60.00	1	30.00	3.20	2.70	2.95		88.50	
	60.00	74.00	1	14.00	2.70	2.80	2.75		38.50	
	W0312									
	0.00	30.00	1	30.00	5.60	5.30	5.45		163.50	
	30.00	60.00	1	30.00	5.30	4.90	5.10		153.00	
	60.00	81.00	1	21.00	4.90	5.00	4.95		103.95	
	# Mahadev Electricals									
	0.00	30.00	1	30.00	5.40	5.90	5.65		169.50	
	30.00	54.50	1	24.50	5.90	5.60	5.75		140.88	
	W0184									
	0.00	30.00	1	30.00	5.30	4.90	5.10		153.00	
	30.00	60.00	1	30.00	4.90	6.10	5.50		165.00	
	60.00	78.10	1	18.10	6.10	5.20	5.65		102.27	
								Total Qty Work Done	**2333.94**	**Sqm**
								Qty Payable in this bill	**2000.00**	**Sqm**

Ckd & dc

Contractor Representative

Assistant Engineer
Ward No 17

20/02/2021

SAPIENCE CONSULTANTS

Consultant Representative

Asst.Executive Engineer
Yashwanthapura Sub Division

20/02/2021

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